

New records of Pipunculidae (Diptera) from Denmark

[Neue Pipunculidae-Nachweise (Diptera) aus Dänemark]

by

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Abstract

New records of Pipunculidae (Diptera) from Denmark are presented of which 5 are recorded for the Danish fauna for the first time.

Key words

Pipunculidae, Palearctic Region, Europe, Denmark, faunistics

Zusammenfassung

Es werden neue Pipunculidae-Nachweise (Diptera) aus Dänemark vorgestellt, von denen 5 Arten zum ersten Mal für die dänische Fauna gemeldet werden.

Stichwörter

Pipunculidae, paläarktische Region, Europa, Dänemark, Faunistik

Introduction

Big-headed flies or Pipunculidae are, even when compared to most groups of Diptera, a very neglected and poorly recorded family in Denmark. Pipunculids, although very close to Syrphidae, have not had the same attention from dipterists, probably because of their very different habits – pipunculids do not hover over flowers. Whatever the reasons, the result in the collections in Denmark is that there are very few specimens. So far William LUNDBECK (1863–1941) is the only Danish dipterist who has dealt thoroughly with the family. LUNDBECK (1922) treated Pipunculidae and Phoridae in volume VI of ‘Diptera Danica’ and at that time 28 species were recognized as present in Denmark. LUNDBECK’s work was soon to be outdated and since the late 30’s the systematics has changed radically [see FÖLDVÁRI (2004): 5 ff.].

Since LUNDBECK’s work only two minor studies of Danish Pipunculidae have appeared, both by Leif LYNEBORG. LYNEBORG (1965) mentions 7 species recorded from what is now National Park Thy. Ten years later he published a minor paper mentioning the 3 Danish species of *Jassidophaga* (LYNEBORG 1975). Further LYNEBORG (1975) reported the first Danish record of *Nephrocerus flavicornis* ZETTERSTEDT, 1844. The present status in the two Danish Natural History Museums are as follows: There are 62 species and 983 specimens (with the majority, 947 specimens, kept in ZMUC) according to the list of pipunculids prepared by FÖLDVÁRI et al. (2001). The collection in Copenhagen has been revised continually by European experts from James Edward COLLIN in 1955 to, more recently, Anders ALBRECHT, Mihály FÖLDVÁRI, Martin DEMPEWOLF, Marc DE MEYER and Christian KEHLMAIER. The purpose of this paper is to present new records of Pipunculidae from a large private Malaise trap project in the years 2006–2013.

Methods

Since 2006 Malaise traps have been set up in several entomological hot spots in northern/eastern Jutland. To my knowledge before this date no dipterist had ever set foot on these locations. A total of 20 traps were operated in 6 locations. The locations are: